

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 14 and ending at page 4, line 10, with the following replacement paragraph:

For accomplishing the object mentioned above, according to the present invention, there is provided an analytical shell-model producing apparatus for producing an analytical shell-model to be use in numerical analyzing, for a configuration model, which is produced by a three-dimensional configuration modeler, comprising: a reference-plate thickness inputting means for inputting a reference-plate thickness size to be used when specifying a thin-plate portion from the configuration model; a pair-surfaces acknowledging means for acknowledging two (2) surfaces, being equal or less than the reference-plate thickness size, which is inputted by said reference-plate thickness inputting means, in face-to-face distance between the arbitrary two (2) surfaces constructing the configuration model; a top/bottom side rib attribute acknowledging means for acknowledging the pair of surfaces acknowledged by said pair surface acknowledging means to be one of a top side surface, a bottom side surface, and a rib surface; an offset-surface producing means for producing an offset-surface by offsetting a group of surfaces of either the top or the bottom side, which are acknowledged by said top/bottom side rib attribute acknowledging means, and the rib surface, respectively, in direction of a normal line directing in an inside of the configurations thereof; a seam-surface producing means for seaming between the offset-surface, which is produced from either the top or the bottom surface by means of said offset-surface producing means, and the offset-surface produced from the rib surface; and an internal-surface producing means for registering the offset-surface seamed by said seam-surface producing means, as in a form of an internal-surface model. With this apparatus, it is easy to produce an analytical shell-model from a configuration model. ~~With this, it is possible to obtain the apparatus, being able to produce the analytical shell model, easily, and as to be the configuration model, as well.~~